



***National
Environmental
Achievement Track***

Application Form

A06-0026 5/05/01

Lockheed Martin Missiles and Fire Control - Dallas Operation

Name of facility

Lockheed Martin Corporation

Name of parent company (if any)

1701 West Marshall Drive

Street address

street address

Street address (continued)

Grand Prairie, TX 75051

City/State/Zip code

Give us information about your contact person for the
National Environmental Achievement Track Program.

Name Tim Millican

Title Environmental Manager

Phone (972) 603-7058

Fax (972) 603-1085

E-mail tim.millican@lmco.com

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

Section A

Tell us about your facility.

1 What do you do or make at your facility?

Printed Wire Boards, Nose Cone for Space Shuttle, Heat Shields for the Space Station, assemble sections of Launchers, and we have various labs that conduct research and testing.

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC
3761

NAICS

3 Does your company meet the Small Business Administration definition of a small business for your sector?

☐ Yes

☒ No

4 How many employees (full-time equivalents) currently work at your facility?

☐ Fewer than 50

☐ 50-99

☐ 100-499

☐ 500-1,000

☒ More than 1,000

Section A, continued

5 Does your facility have an EPA ID number(s)?

☒ Yes

☐ No

If yes, list in the right-hand column.

TXD055328074

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right **or** enclose a completed Checklist with your application.

See Attachment

7 Check the appropriate box in the right-hand column.

☐ I've listed the requirements above.

☒ I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

Several initiatives have been enacted that serve to reduce the quantity of hazardous and non hazardous waste at the LMM&FC - Dallas facilities.

The following is a list of several Pollution Prevention initiatives we have conducted:

In-line cleaning / filtration units are being utilized to extend the life of machine coolant. This has resulted in at least a 50 percent reduction in waste generation.

Rag laundering program that enables rags to be laundered for reuse from 20 - 40 times.

Replaced several solvent-based parts washers with aqueous parts washers. This substitution accomplishes two objectives.

- 1.) Decrease hazardous waste generation
- 2.) Reduction of volatile air emissions.

Also, LMM&FC actively pursues recycling opportunities for a variety of materials.

Mat'ls Recycled Annual Quantity Recycled (lbs)

Stainless steel	55,000
Aluminum	94,000
Steel	93,000
Mixed metal	83,000
Silver	500
Lead	4,000
Gold	300
Oil	7,500
Fluorescent bulbs	3,000
Machine coolant	74,400
Paper	240,000

WATER RECYCLING:

An outside consulting firm is reviewing the current wastewater treatment system and will make recommendations for copper recovery from the wastewater and reuse of approximately 200,000 gallons of water annually in various process areas and for watering the LMMFC campus.

COMMUNITY INVOLVEMENT:

LMM&FC participates in the Adopt-A-Street and Adopt-A-Stream programs that are components of Keep Grand Prairie Beautiful. We have adopted a two-mile stretch of West Freeway. EM will conduct and oversee road-side cleanups on a quarterly basis. We will also perform periodic cleanup of a portion of South Cottonwood Creek.

Members of the Environmental staff perform various community service activities, including the following: classroom mentor at Milam Elementary School, trail guide and naturalist at an area wildlife sanctuary, volunteer SCUBA diver and interpretive specialist at the Dallas Aquarium, serve as a docent during the live butterfly exhibit at the Dallas Discovery Gardens, DFW Chapter of Hazardous Materials Managers, work with church groups in activities such as donating and moving furniture to homes of needy families in the Grand Prairie area; painting and performing maintenance activities for homes of the poor and elderly; involvement with homeless shelters / soup kitchens and Bethphage's Adopt-A-Family program, where food, clothing, household essentials and toys are provided

In conjunction with Grand Prairie Animal Control, we presented "Snakes Alive" for the public at the Grand Prairie Library. Also, a member of the env. staff conducts regular presentations to various public and private groups on reptiles, insects and environmental management topics and incorporates environmental protection issues in these talks.

Also, we were asked to make a presentation at the Clean Campus Kickoff sponsored by the Keep Grand Prairie Beautiful Commission where we highlighted pollution prevention and environmental protection activities in which LMM&FC is active.

Why do we need this information?

Facilities need to have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

Section B

Tell us about your EMS.

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

a. Environmental policy ☒ Yes

b. Planning ☒ Yes

c. Implementation and operation ☒ Yes

d. Checking and corrective action ☒ Yes

e. Management review ☒ Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)? ☒ Yes

3 Did this cycle include both an EMS and a compliance audit? ☒ Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS? ☒ Yes

If yes, what method of EMS assessment did you use?

☐ Self-assessment

☐ GEMI

☐ Other

☐ CEMP

☒ Third-party assessment

☒ ISO 14001 Certification

☐ Other

Why do we need this information?

Facilities need to show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

Section C

Tell us about your past achievements and future commitments.

- 1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you need to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Solid Waste	1,529	Tons	1,200	Tons
<p>i. How is the current level an improvement over the previous level?</p> <p>We have increased our tonnage of paper, cardboard, precious metals and metals by an estimated 22%. This is based on our estimated total solid waste generated for the 2001.</p> <p>ii. How did you achieve this improvement?</p> <p>We conducted training classes for janitorial personnel and supervision, increased employee awareness using flyers, electronic publications, and vendor participation in auditing and corrective action. We recently formed a Performance Excellence Team for Environmental, Health and Safety using members of various departments to identify and implement process improvements. Contracted with a new recycling vendor to train and implement a new recycling program for all Grand Prairie locations.</p>				

Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
Hazardous Waste	Quantity 37	Units Tons	Quantity 30	Units Tons
<p>i. How is the current level an improvement over the previous level?</p> <p>We have reduced hazardous waste from the printed wire board operation, general maintenance and machining activities, which generates wastewater treatment sludge, solvent and paint waste.</p> <p>ii. How did you achieve this improvement?</p> <p>We have installed new parts washers and increased our efforts to promote environmental awareness throughout the company. Also, the VP of Operations made waste reduction a goal of the Production Department, which increased support for waste reduction goals. We implemented a cross functional Process Excellence Team to identify and implement process improvements throughout our operations. Recycling wastewater sludge will begin this summer.</p>				

- 2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you are a small facility, you need to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

a. What is the aspect?	Hazardous Waste Reduction	
b. Is this aspect identified as significant in your EMS?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	<input checked="" type="checkbox"/> Option A: Absolute value	30 / Tons (Quantity/Units)
	<input type="checkbox"/> Option B: In terms of units of production or output	(Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

☒ Option A:
Absolute value

20 / Tons
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output

(Quantity/Units)

e. How will you achieve this improvement?

Through increased use of non hazardous materials and recycling verses disposal.

Second aspect you've selected

a. What is the aspect?

Solid Waste Reduction

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A:
Absolute value

1,200/ Tons
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output

(Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

☒ Option A:
Absolute value

1,000/ Tons
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output

(Quantity/Units)

e. How will you achieve this improvement?

Through recycling initiatives implemented by our Process Excellence Team to close loop our recycling of paper, metals and wood products.

Third aspect you've selected

a. What is the aspect?

Water Usage

b. Is this aspect identified as significant in your EMS?

☐ Yes ☒ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A:
Absolute value 58 Million GPY
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output (Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

☒ Option A:
Absolute value 57 Million GPY
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output (Quantity/Units)

e. How will you achieve this improvement?

Reuse of process wastewater for cooling tower make up.

Fourth aspect you've selected

a. What is the aspect?

Energy Use

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A:
Absolute value 170k/mmBtu
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output (Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

☒ Option A:
Absolute value 160k/mmBtu
(Quantity/Units)

☐ Option B:
In terms of
units of production
or output (Quantity/Units)

e. How will you achieve this improvement?

Through process improvements identified and implemented by the Energy Process Excellence Team. Conservation initiatives, training and education.

Why do we need this information?

Facilities need to demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

Section D

Tell us about your public outreach and reporting.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

1 How do you identify and respond to community concerns?

Our public relations staff responds to all inquiries and/or concerns by the community. Depending on the issue the PR group would direct the inquiry to the appropriate department. If there is an environmental issue it will be addressed by the Environmental Manager.

2 How do you inform community members of important matters that affect them?

Public Notice and/or meeting with City Representatives.

3 How will you make the Achievement Track Annual Performance Report available to the public?

☐ Website www.

☒ Newspaper

☐ Open Houses

☒ Other

City Representatives and Newspaper

- 4 Are there any ongoing citizen suits against your facility? ☐ Yes ☒ No

If yes, describe briefly in the right-hand column.

5 List references below

	Organization	Name	Phone number
Representative of a Community/ Citizen Group	Beautification Coordinator for the City of Grand Prairie	Tammy Chan	972-237-8152
State/Local Regulator	City of Grand Prairie Environmental Services	Jim Cummins, Director of Environmental Services	972-237-8055
Other community/local reference	City of Grand Prairie	Gary Gilliland	

Section E

Application and Participation Statement.

On behalf of Lockheed Martin Missiles & Fire Control
[my facility],

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

Printed Name/Title Randy O'Neal

Facility Name Lockheed Martin Missiles & Fire Control - Dallas Operations

Facility Street Address 1701 West Marshall Drive
Grand Prairie, TX 75051

Facility ID Numbers TXD055328074

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK (7875) or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
4th Floor
Cambridge, MA 02140

National Environmental Achievement Track

Environmental Requirements Checklist

We've included the following Checklist to help you answer questions in Section A, Tell us about your facility. The Checklist will help you identify the major federal, state, tribal, and local environmental requirements that apply at your facility, but it is not an exhaustive list of all environmental requirements that may be applicable at your facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

Air Pollution Regulations

Check All That Apply

- ☐ 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61)
- ☐ 2. Permits and Registration of Air Pollution Sources
- ☐ 3. General Emission Standards, Prohibitions and Restrictions
- ☐ 4. Control of Incinerators
- ☐ 5. Process Industry Emission Standards
- ☐ 6. Control of Fuel Burning Equipment
- ☒ 7. Control of VOCs
- ☐ 8. Sampling, Testing and Reporting
- ☐ 9. Visible Emissions Standards
- ☐ 10. Control of Fugitive Dust
- ☐ 11. Toxic Air Pollutants Control
- ☐ 12. Vehicle Emissions Inspections and Testing

- ☐ 13. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Hazardous Waste Management Regulations

Check All That Apply

- ☒ 1. Identification and Listing of Hazardous Waste (40 CFR 261)
 - ☒ - Characteristic Waste
 - ☒ - Listed Waste
- ☒ 2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
 - ☒ - Manifesting
 - ☒ - Pre-transport requirements
 - ☒ - Record keeping/reporting
- ☐ 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
 - ☐ - Transfer facility requirements
 - ☐ - Manifest system and record-keeping
 - ☐ - Hazardous waste discharges
- ☐ 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
 - ☐ - General facility standards
 - ☐ - Preparedness and prevention
 - ☐ - Contingency plan and emergency procedures

- ☐ - Manifest system, Record keeping and reporting
- ☐ - Groundwater protection
- ☐ - Financial requirements
- ☐ - Use and management of containers
- ☐ - Tanks
- ☐ - Waste piles
- ☐ - Land treatment
- ☐ - Incinerators
- ☐ 5. Interim Standards for TSD Owners and Operators (40 CFR 265)
- ☐ 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267)
- ☐ 7. Administered Permit Program (Part B) (40 CFR 270)
- ☐ 8. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Hazardous Materials Management

Check All That Apply

- ☐ 1. Control of Pollution by Oil and Other Hazardous Substances (33 CFR 153)
- ☐ 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302)
- ☒ 3. Hazardous Materials Transportation Regulations (49 CFR 172-173)
- ☒ 4. Worker Right-to-Know Regulations (29 CFR 1910.1200)
- ☒ 5. Community Right-to-Know Regulations (40 CFR 350-372)
- ☐ 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Solid Waste Management

Check All That Apply

- ☐ 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257)
- ☐ 2. Permit Requirements for Solid Waste Disposal Facilities
- ☐ 3. Installation of Systems of Refuse Disposal
- ☐ 4. Solid Waste Storage and Removal Requirements
- ☐ 5. Disposal Requirements for Special Wastes
- ☐ 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Water Pollution Control Requirements

Check All That Apply

- ☒ 1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)
- ☐ 2. Designation of Hazardous Substances (40 CFR 116)

- ☐ 3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117)
- ☒ 4. NPDES Permit Requirements (40 CFR 122)
- ☐ 5. Toxic Pollutant Effluent Standards (40 CFR 129)
- ☒ 6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403)
Name of POTW
ID # of POTW
- ☐ 7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)
- ☐ 8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415)
- ☐ 9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)
- ☐ 10. Water Quality Standards
- ☐ 11. Effluent Limitations for Direct Dischargers
- ☐ 12. Permit Monitoring/Reporting Requirements
- ☐ 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants
- ☐ 14. Collection, Handling, and Processing of Sewage Sludge
- ☐ 15. Oil Discharge Containment, Control and Cleanup
- ☐ 16. Standards Applicable to Indirect Discharges (Pretreatment)
- ☐ 17. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Drinking Water Regulations

Check All That Apply

- ☐ 1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146)
- ☐ 2. National Primary Drinking Water Standards (40 CFR 141)
- ☐ 3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141)
- ☐ 4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources
- ☐ 5. Underground Injection Control Requirements
- ☐ 6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems
- ☐ 7. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Toxic Substances

Check All That Apply

- ☐ 1. Manufacture and Import of Chemicals, Record-keeping and Reporting Requirements (40 CFR 704)
- ☒ 2. Import and Export of Chemicals (40 CFR 707)
- ☐ 3. Chemical Substances Inventory Reporting Requirements (40 CFR 710)

- ☐ 4. Chemical Information Rules (40 CFR 712)
- ☐ 5. Health and Safety Data Reporting (40 CFR 716)
- ☐ 6. Pre-Manufacture Notifications (40 CFR 720)
- ☐ 7. PCB Distribution Use, Storage and Disposal (40 CFR 761)
- ☐ 8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)
- ☐ 9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)
- ☐ 10. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Pesticide Regulations

Check All That Apply

- ☐ 1. FIFRA Pesticide Use Classification (40 CFR 162)
- ☐ 2. Procedures Storage and Disposal of Pesticides and Containers (40 CFR 165)
- ☐ 3. Certification of Pesticide Applications (40 CFR 171)
- ☐ 4. Pesticide Licensing Requirements
- ☐ 5. Labeling of Pesticides
- ☐ 6. Pesticide Sales, Permits, Records, Application and Disposal Requirements
- ☐ 7. Disposal of Pesticide Containers
- ☐ 8. Restricted Use and Prohibited Pesticides
- ☐ 9. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Environmental Clean-Up, Restoration, Corrective Action

Check All That Apply

- ☐ 1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (Please identify)
- ☒ 2. RCRA Corrective Action
- ☐ 3. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Facility Name Lockheed Martin Missiles & Fire Control - Dallas Operations
Facility Location: Grand Prairie, TX
Facility ID Number(s): TXD055328074

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK (7875) or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
4th Floor
Cambridge, MA 02140